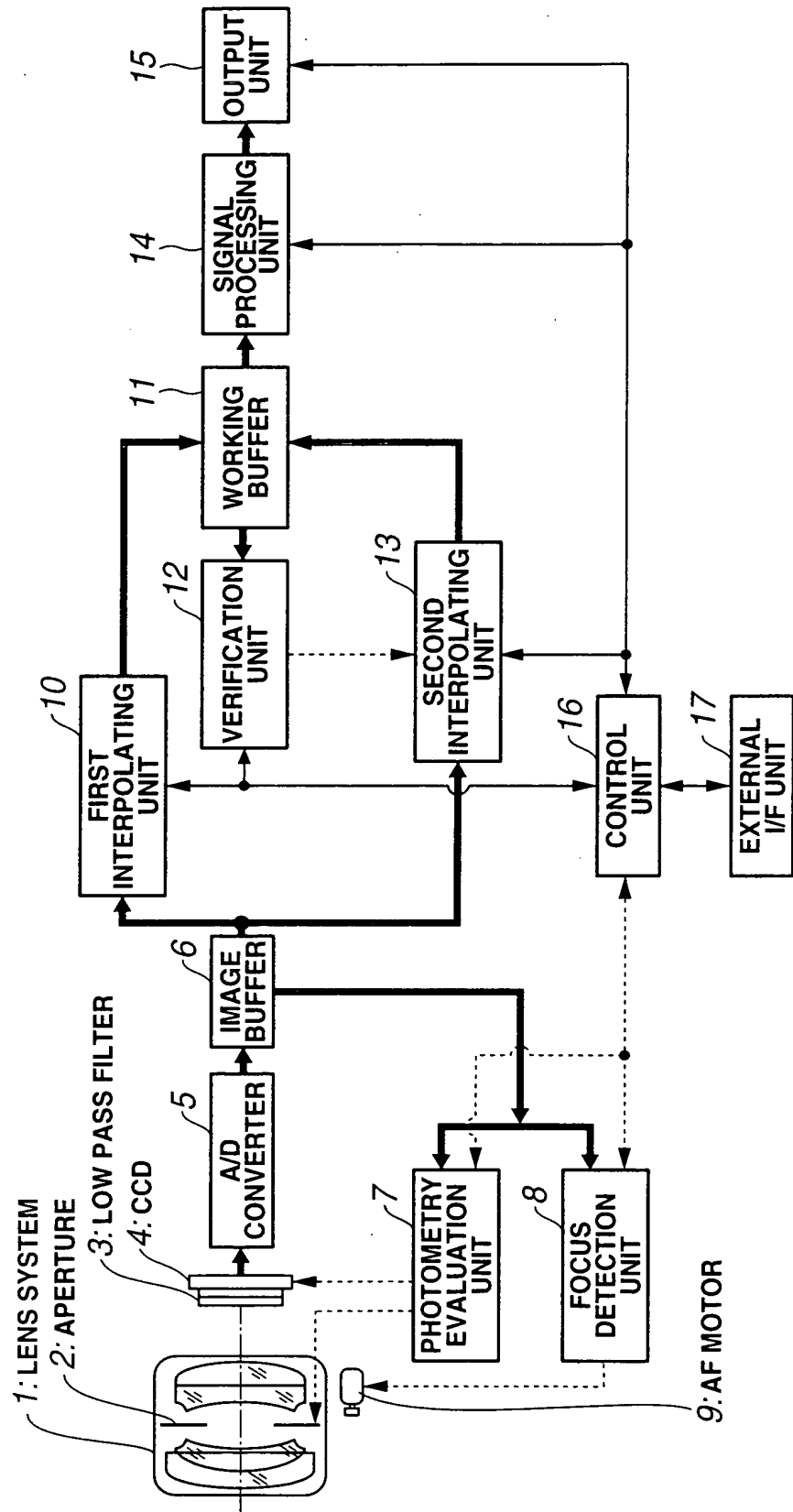


FIG.1



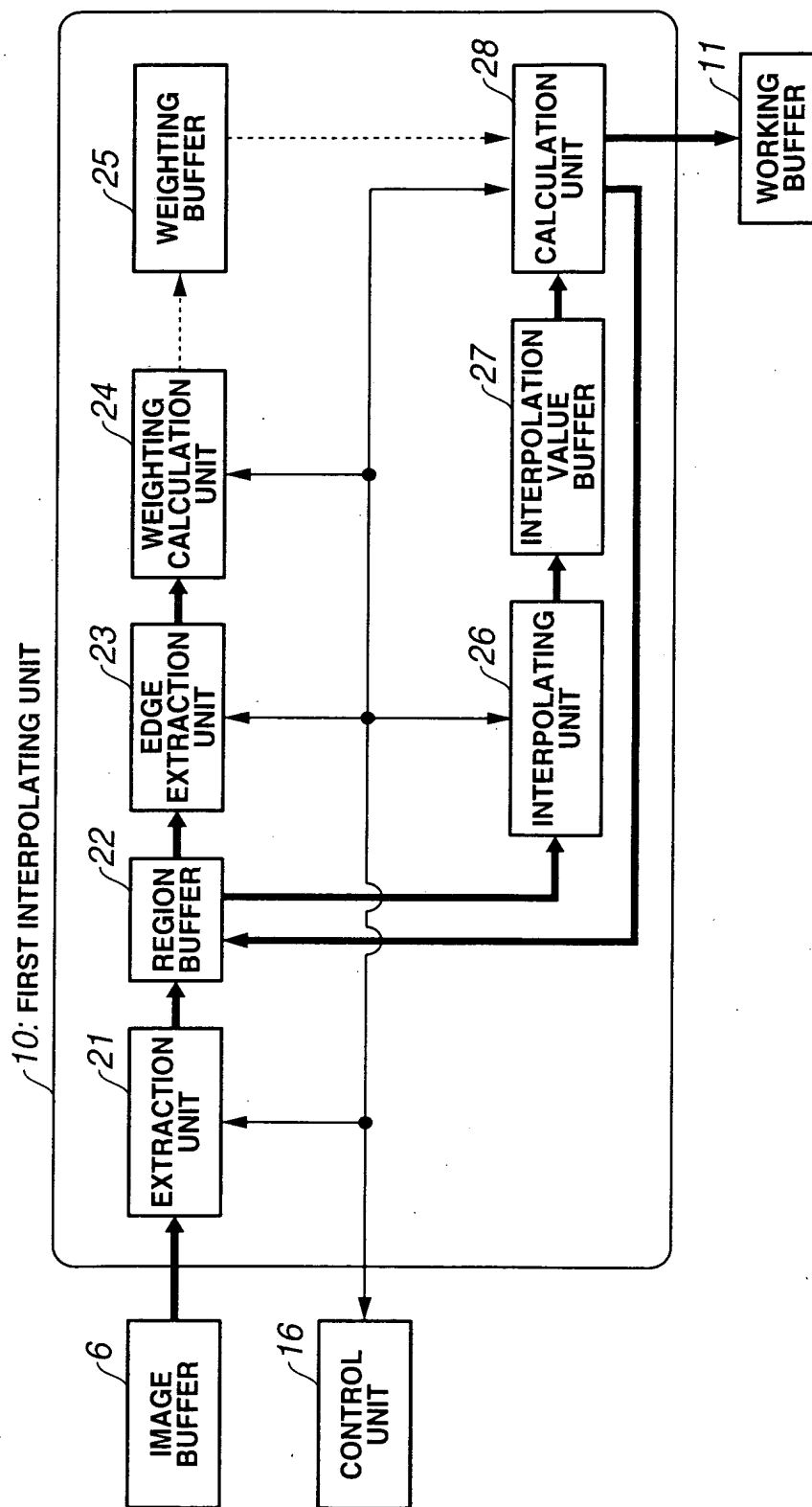
**FIG.2****(A)**

R	G
G	B

**(B)**

R	G	R	G	R	G	R	G	
G	B	G	B	G	B	G	B	
R	G	R	G	R	G			
G	B	G	B	G	B			
R	G	R	G	R	G			
G	B	G	B	G	B			
R	G							
G	B							

FIG.3



**FIG.4****(A) PIXEL LAYOUT OF  
EXTRACTED BLOCK**

R00	G10	R20	G30	R40	G50
G01	B11	G21	B31	G41	B51
R02	G12	R22	G32	R42	G52
G03	B13	G23	B33	G43	B53
R04	G14	R24	G34	R44	G54
G05	B15	G25	B35	G45	B55

**(B) G INTERPOLATION  
(R22 POSITION)**

		R20		
		G21		
R02	G12	R22	G32	R42
		G23		
		R24		

**(C) G INTERPOLATION  
(B33 VALUE)**

		B31		
		G32		
B13	G23	B33	G43	B53
		G34		
		B35		

**(D) R,B INTERPOLATION  
(G23 VALUE)**

	B11		B31	
	G11		G31	
R02		R22		R42
G02		G22		G42
	B13	G23	B33	
	G13		G33	
R04		R24		R44
G04		G24		G44
	B15		B35	
	G15		G35	

**(E) R,B INTERPOLATION  
(G32 VALUE)**

	R20		R40	
	G20		G40	
B11		B31		B51
G11		G31		G51
	R22	G32	R42	
	G22		G42	
B13		B33		B53
G13		G33		G53
	R24		R44	
	G24		G44	

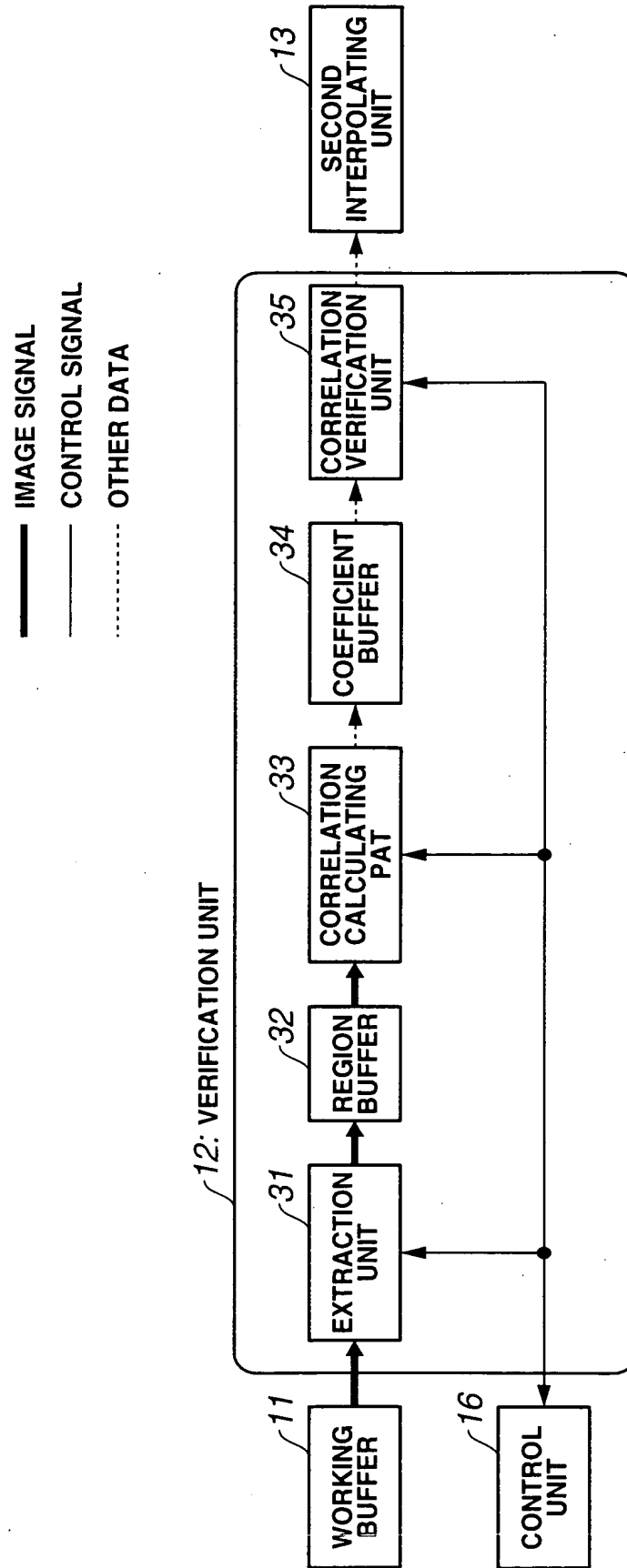
**(F) R,B INTERPOLATION  
(R22 POSITION)**

B11		B31
G11		G31
	R22	
G22		
B13		B33
G13		G33

**(G) R,B INTERPOLATION  
(B33 POSITION)**

R22		R42
G22		G42
	B33	
	G33	
R24		R44
G24		G44

FIG. 5



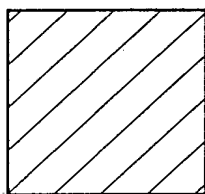
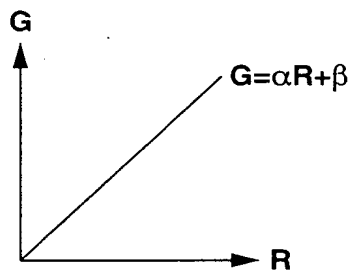
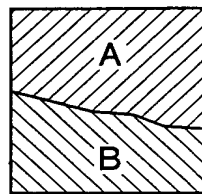
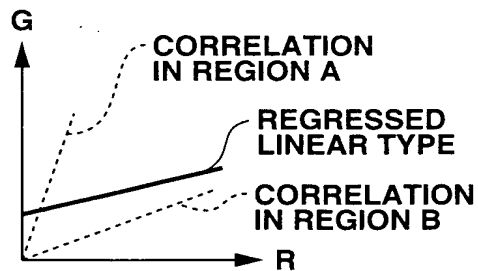
**FIG.6****(A) SINGLE HUE INPUT IMAGE****(B) REGRESSION TO  
SINGLE HUE LINEAR TYPE****(C) MULTI-HUE INPUT IMAGE****(D) REGRESSION TO  
MULTI-HUE LINEAR TYPE**

FIG.7

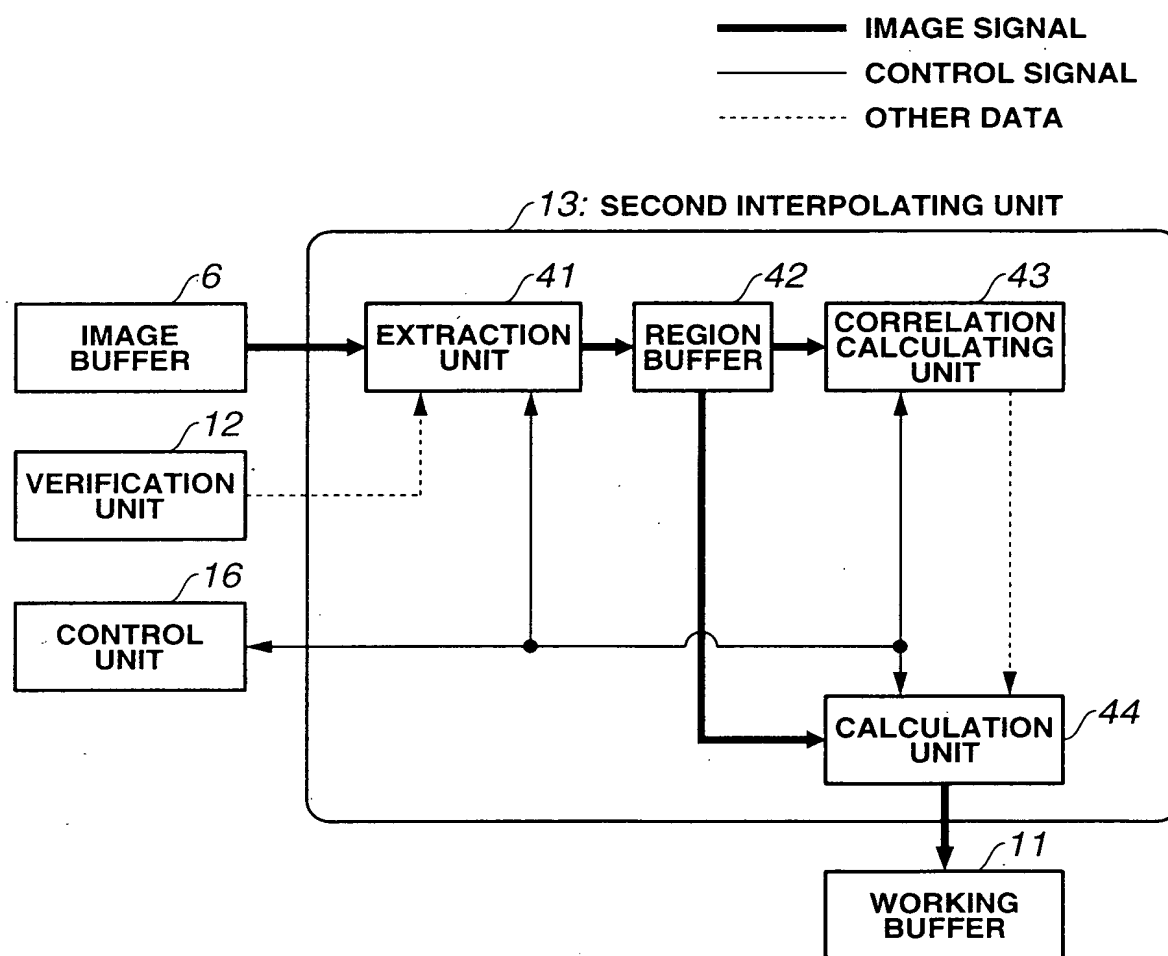


FIG.8

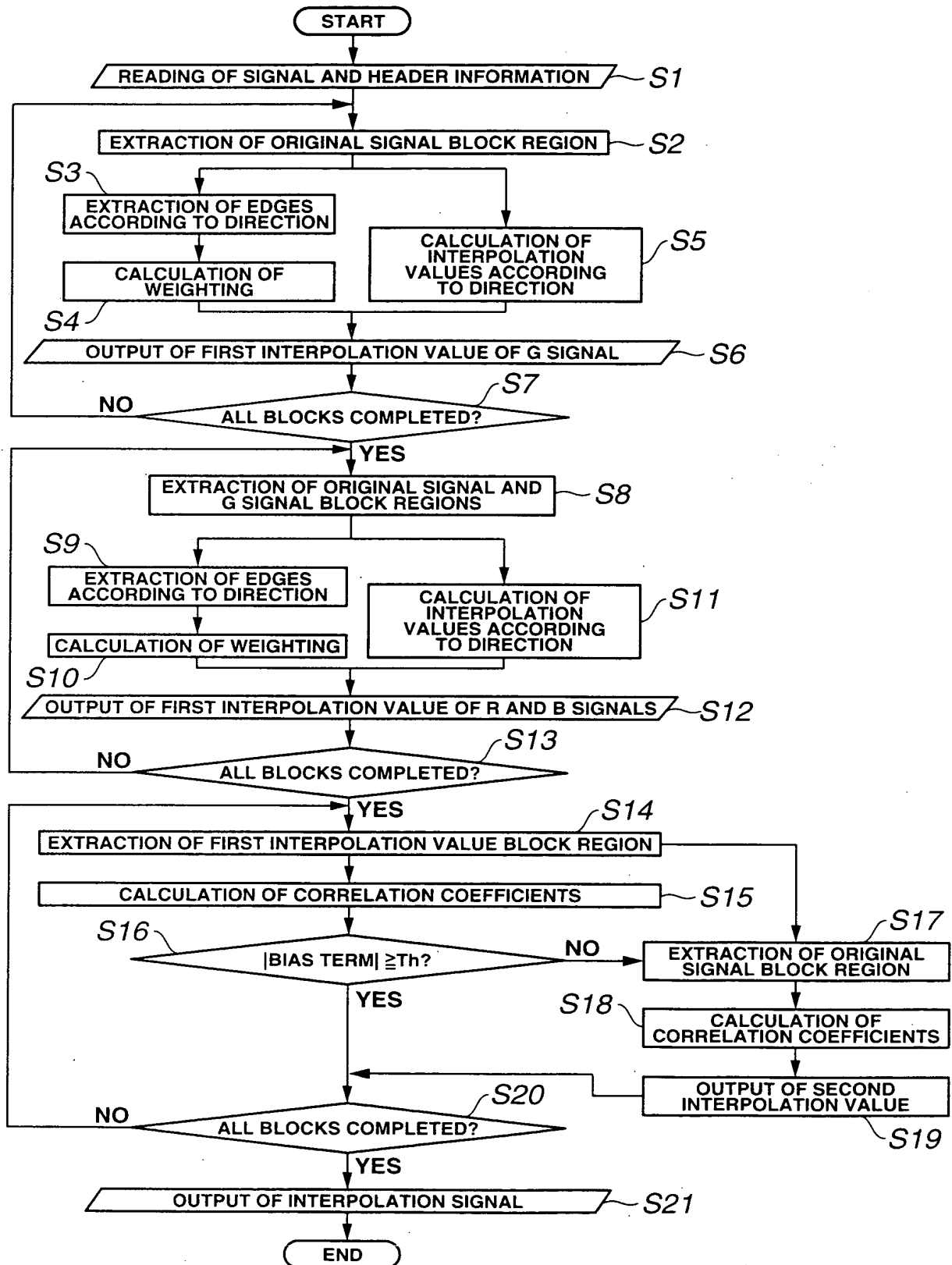




FIG.9

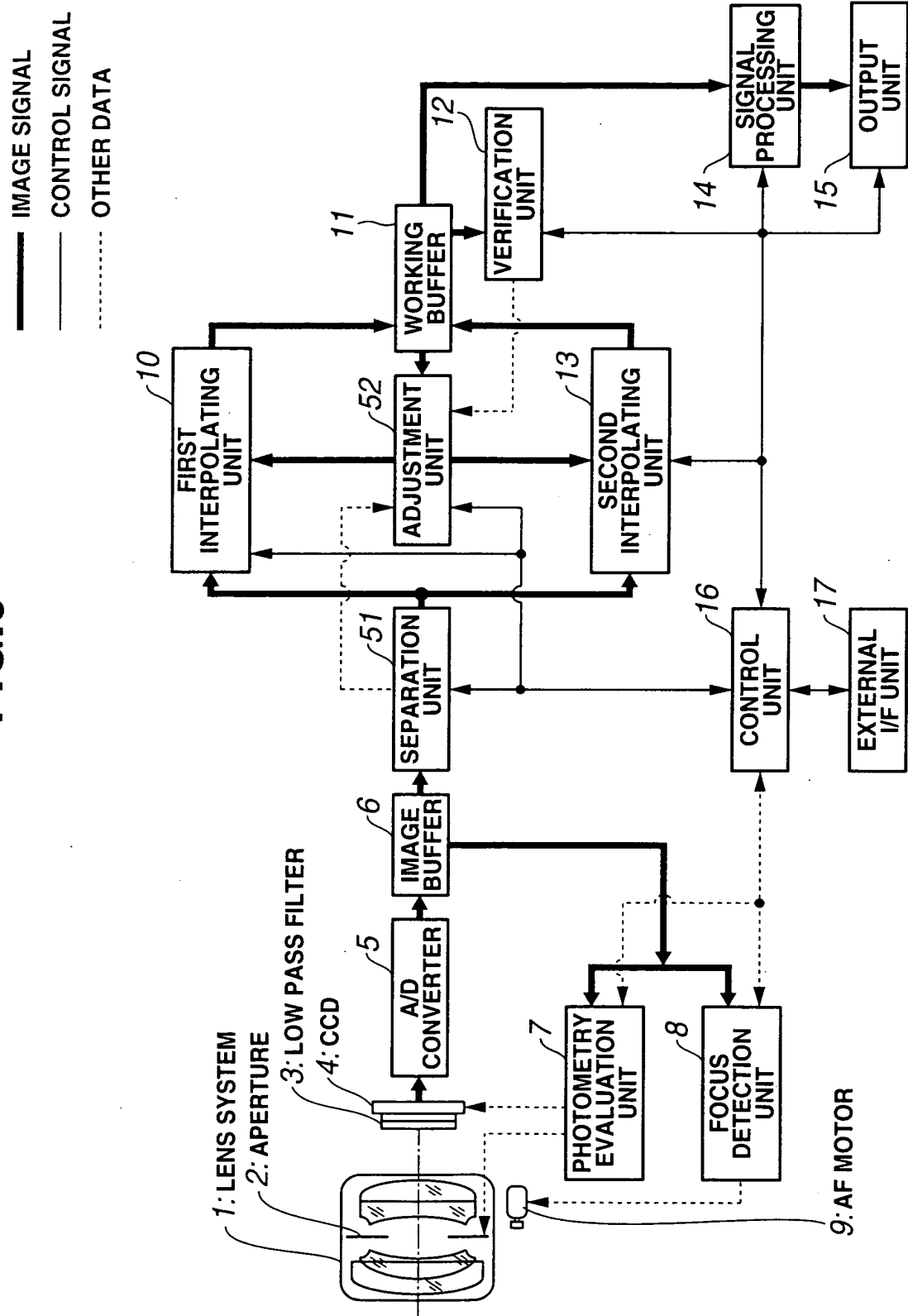


FIG. 10

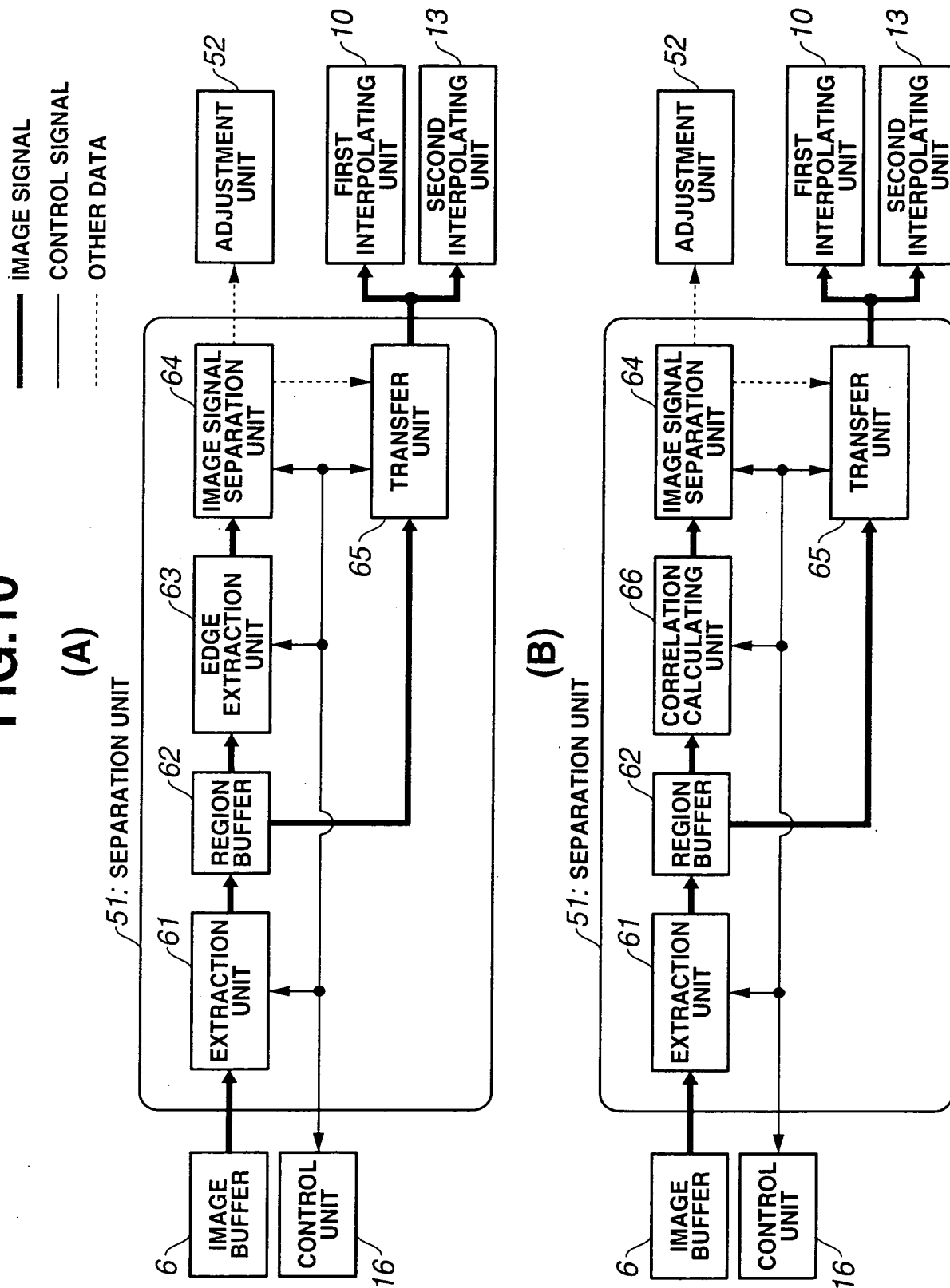


FIG.11

(A)

	R <sub>0</sub>	
R <sub>1</sub>	R	R <sub>2</sub>
	R <sub>3</sub>	

$$\begin{aligned} E_0 &= |R - R_0| \\ E_1 &= |R - R_1| \\ E_2 &= |R - R_2| \\ E_3 &= |R - R_3| \end{aligned}$$

(B)

G <sub>0</sub>	G <sub>1</sub>
G	G
G <sub>2</sub>	G <sub>3</sub>

$$\begin{aligned} E_0 &= |G - G_0| \\ E_1 &= |G - G_1| \\ E_2 &= |G - G_2| \\ E_3 &= |G - G_3| \end{aligned}$$

(C)

	B <sub>0</sub>	
B <sub>1</sub>	B	B <sub>2</sub>
	B <sub>3</sub>	

$$\begin{aligned} E_0 &= |B - B_0| \\ E_1 &= |B - B_1| \\ E_2 &= |B - B_2| \\ E_3 &= |B - B_3| \end{aligned}$$

FIG.12

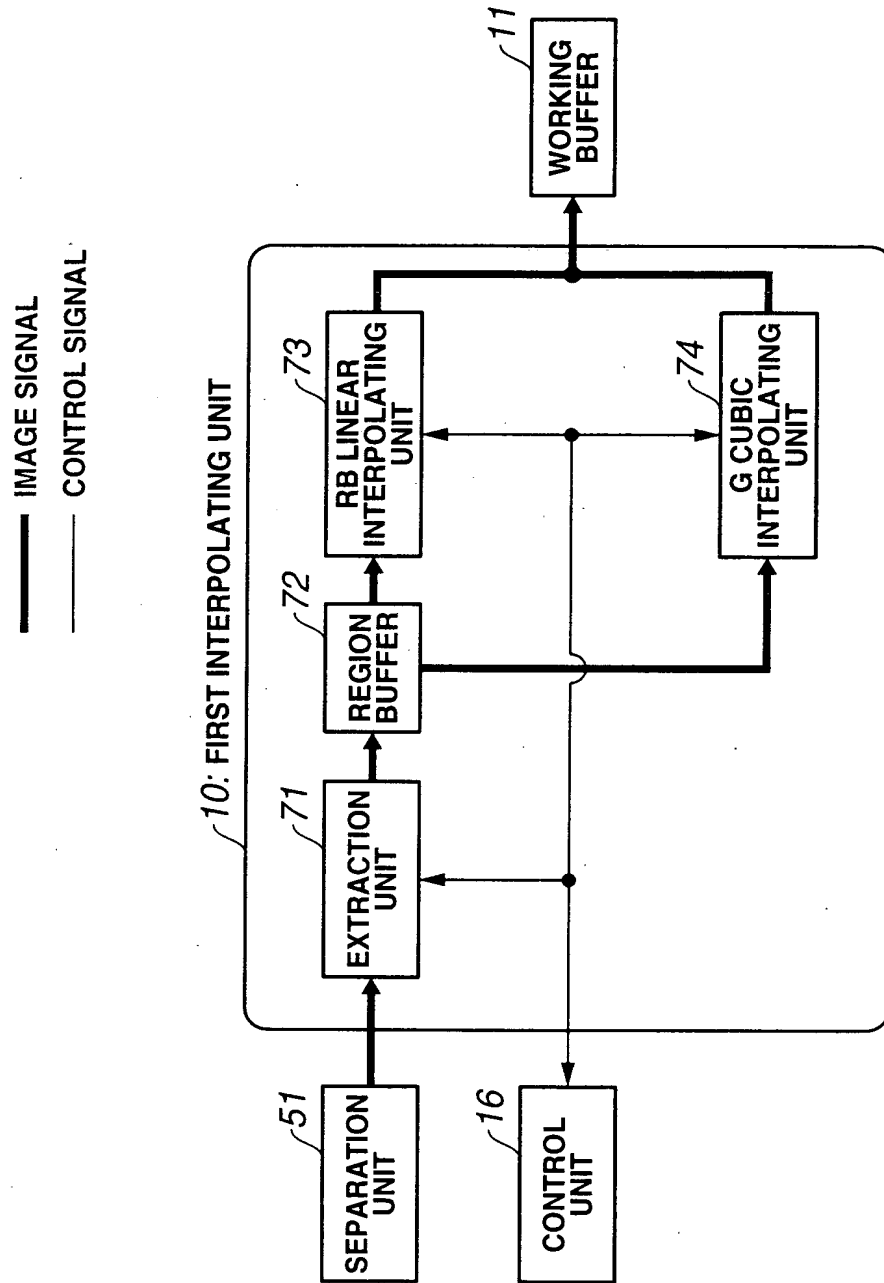
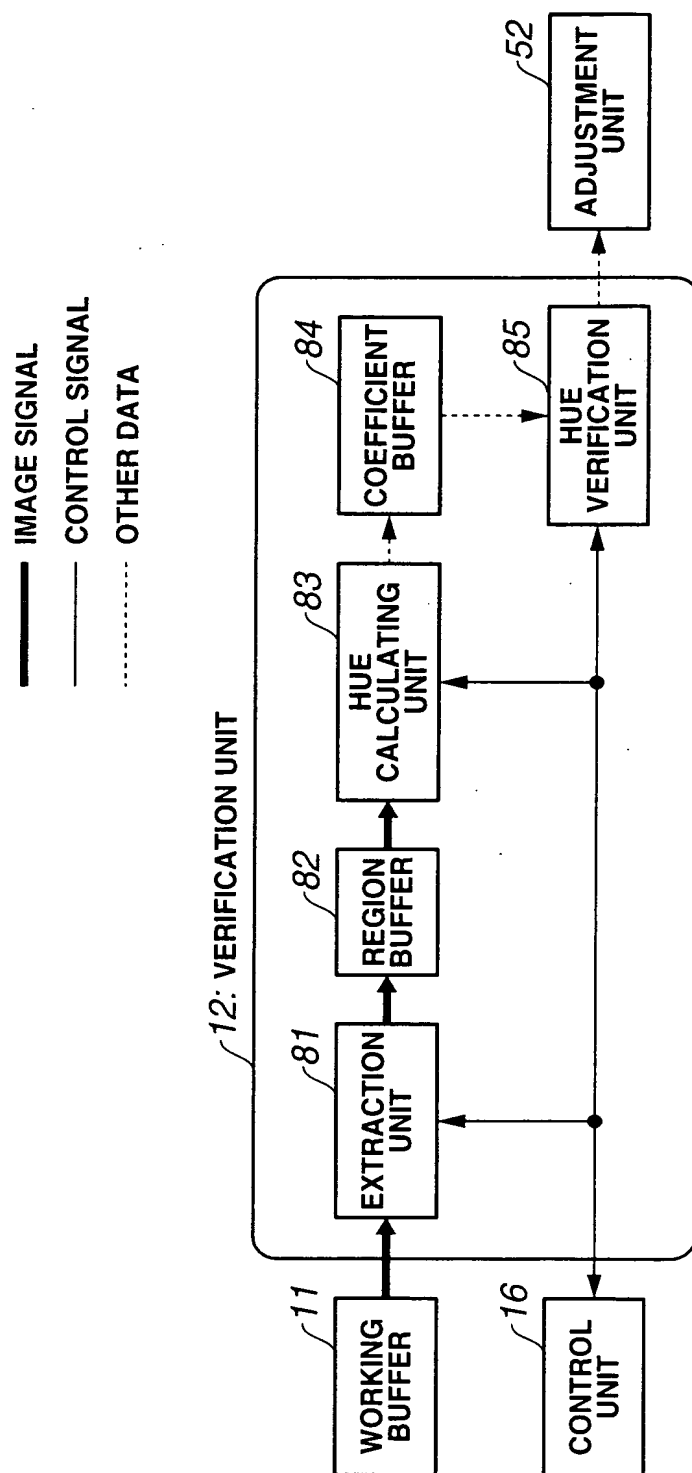


FIG.13



**FIG.14**

CLASS	RGB RELATIONSHIP
0	$R = G = B$
1	$B > R > G$
2	$R = B > G$
3	$R > B > G$
4	$R > G = B$
5	$R > G > B$
6	$R = G > B$
7	$G > R > B$
8	$G > R = B$
9	$G > B > R$
10	$G = B > R$
11	$B > G > R$
12	$B > R = G$

FIG.15

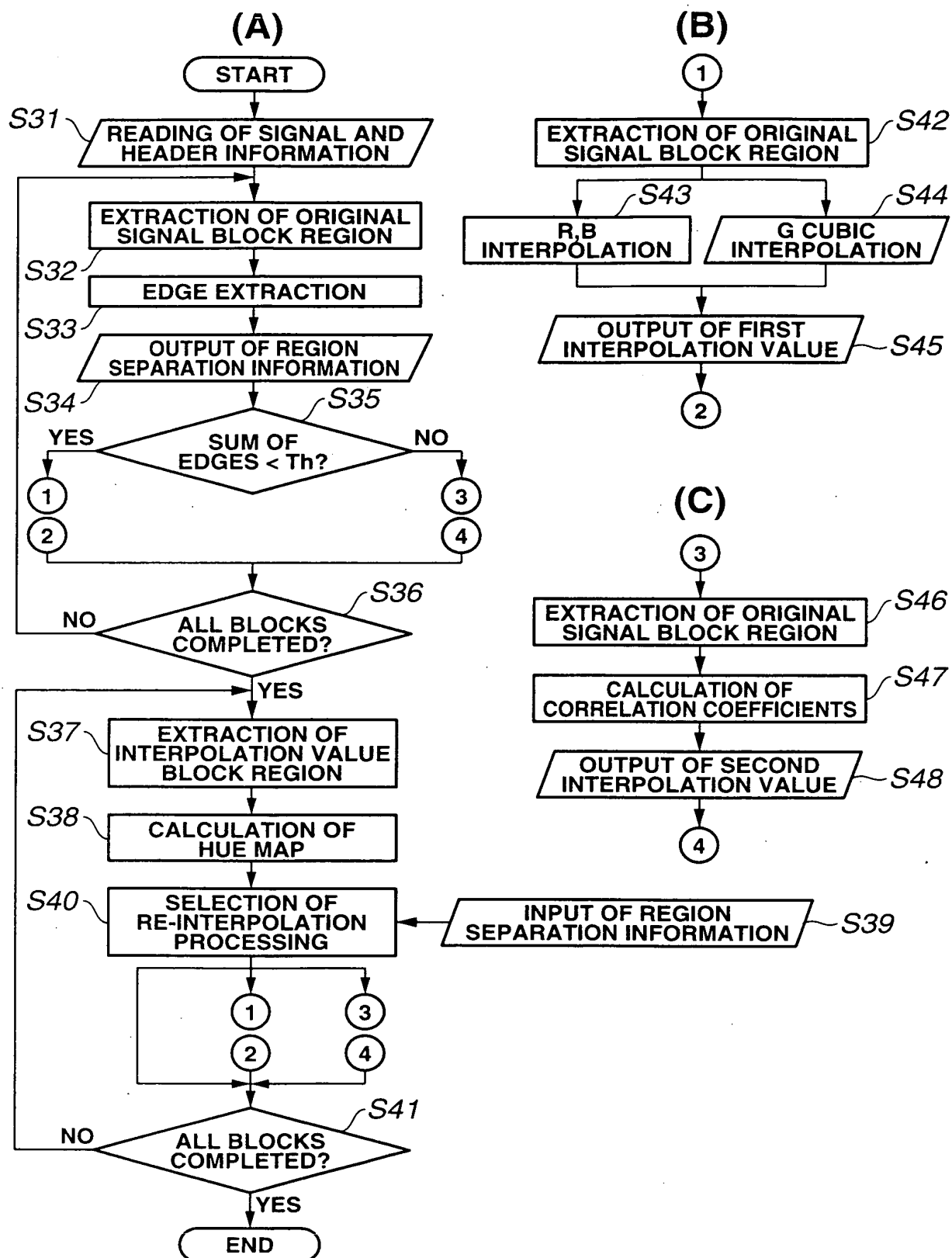


FIG.16

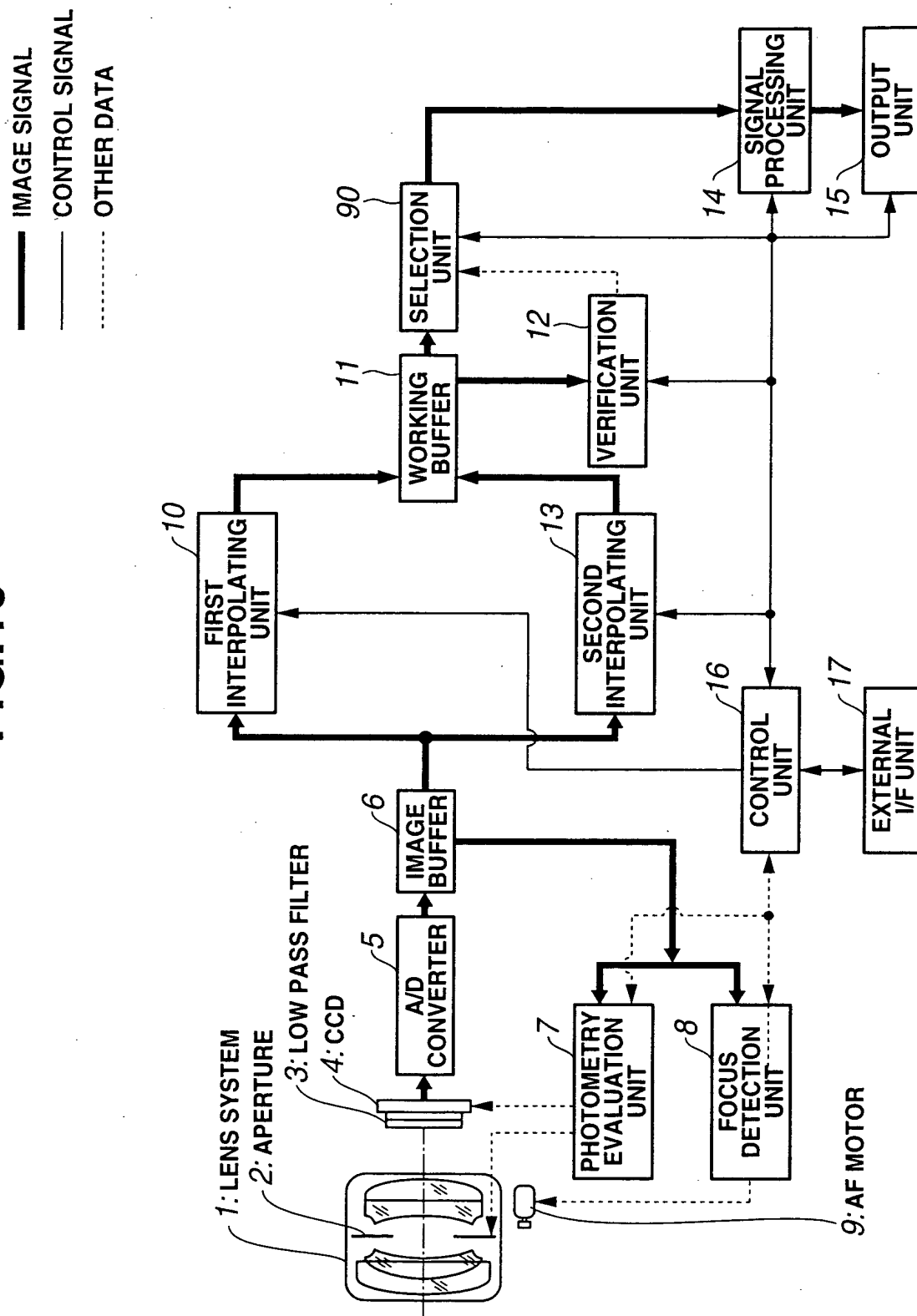




FIG.17

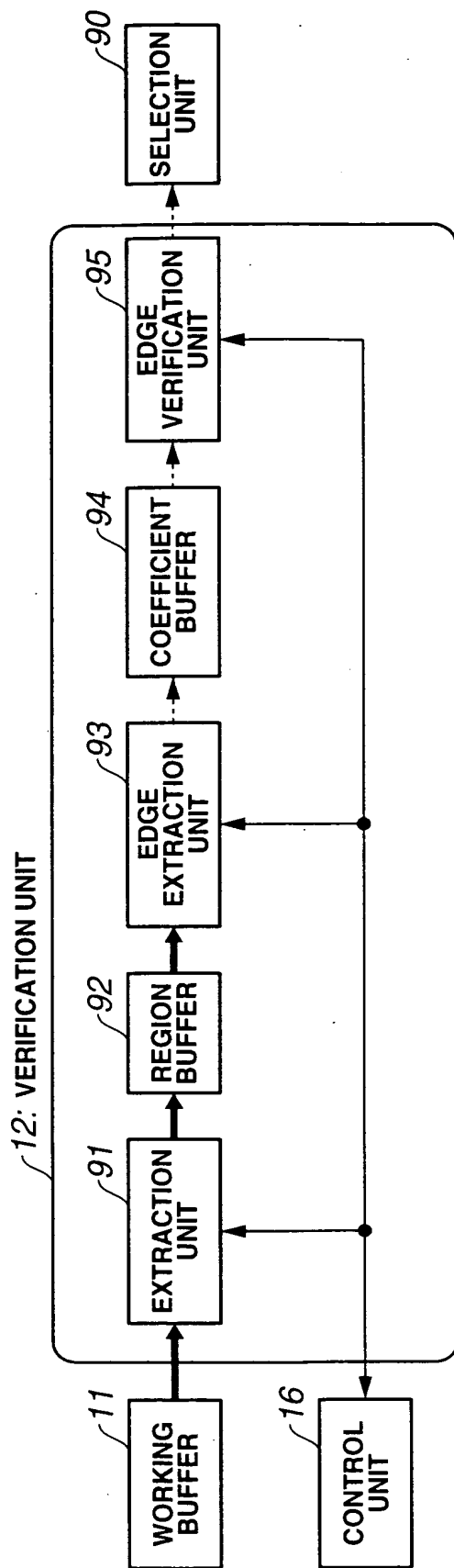


FIG.18

